

ABSTRACT

New aromatic diamine derivatives and the preparation thereof are disclosed. The diamine derivatives of the present invention can be added to conventional polymerization reactions of tetracarboxylic acids or dianhydrides thereof and diamines to form new polyamic acids. After high-temperature baking, the polyamic acids are cyclized to form polyimides. These polyimides can be used as alignment film materials for liquid crystal display cell and have good alignment property and stability, and are effective in promoting pre-tilt angles.